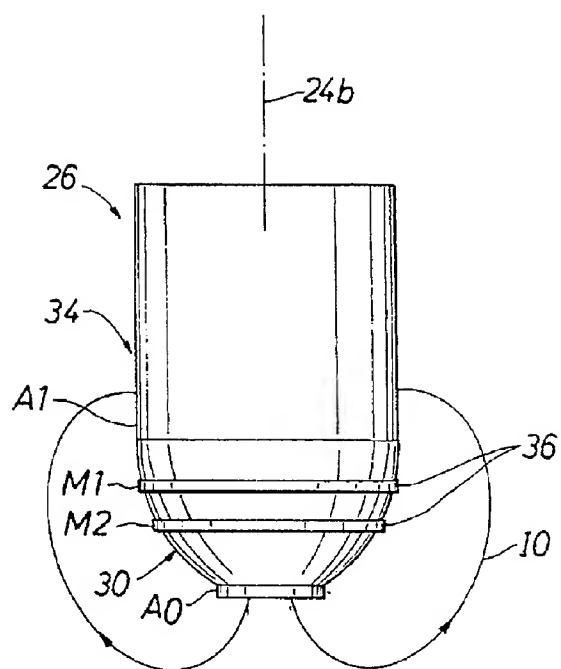


**FIG. 1**  
**(Prior Art)**



**FIG. 2**  
**(Prior Art)**

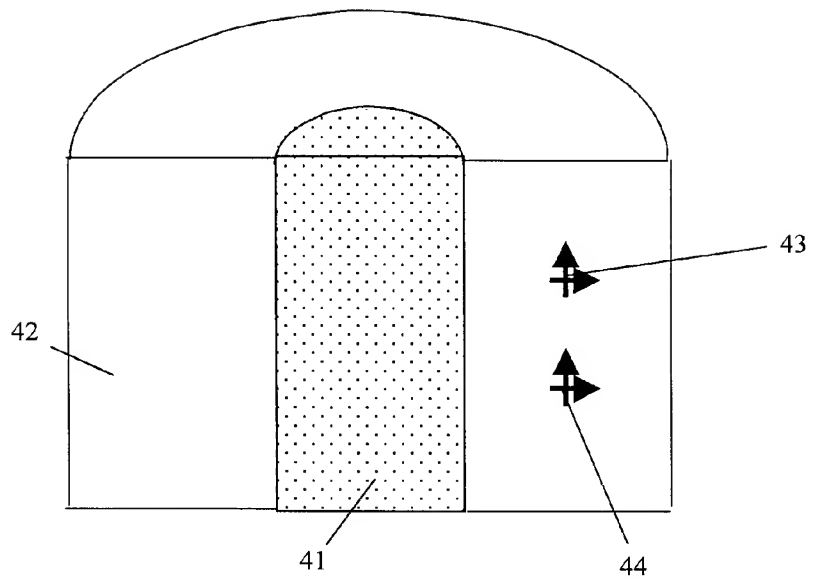


FIG. 3

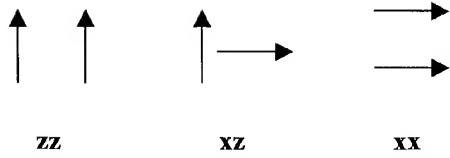


FIG. 4

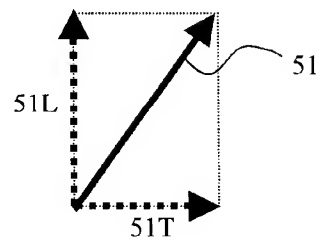
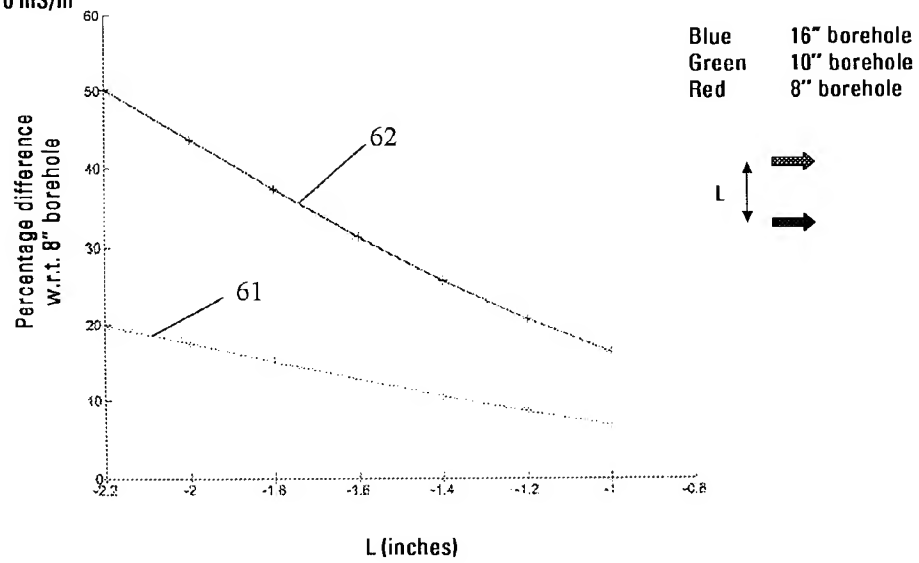


FIG. 5

$\sigma_m = 1 \text{ S/m}$       **XX measurement at  $\phi = 180^\circ$**   
 $\sigma_i = 1 \text{ mS/m}$   
 $\sigma_t = 10 \text{ mS/m}$



**FIG. 6**

$\sigma_m = 1 \text{ S/m}$       ZZ measurement at  $\phi = 180^\circ$

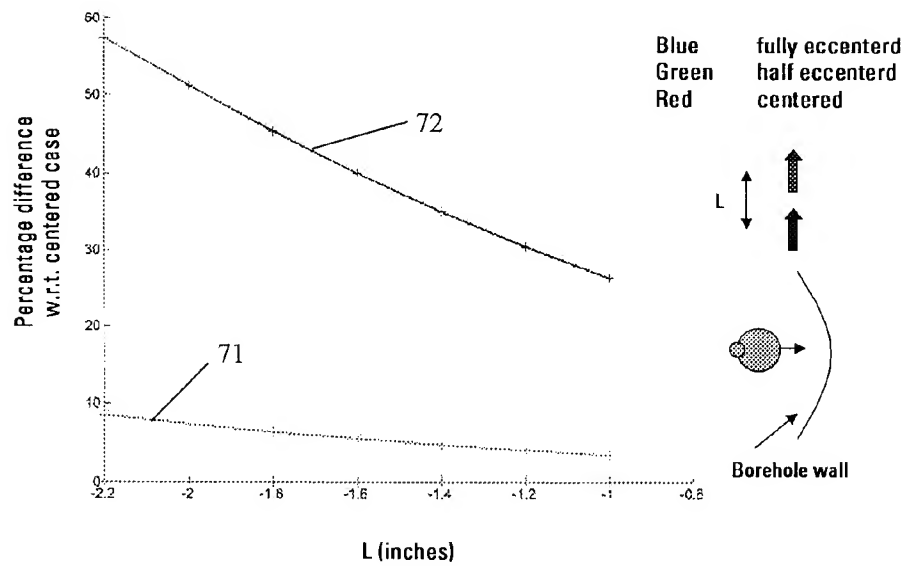


FIG. 7

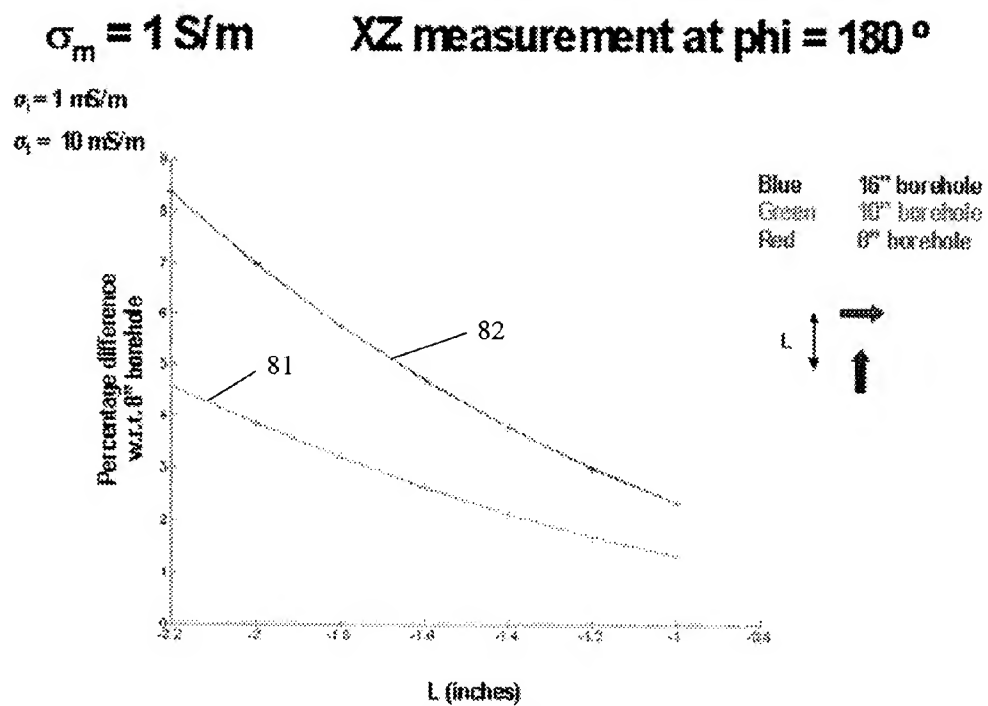


FIG. 8

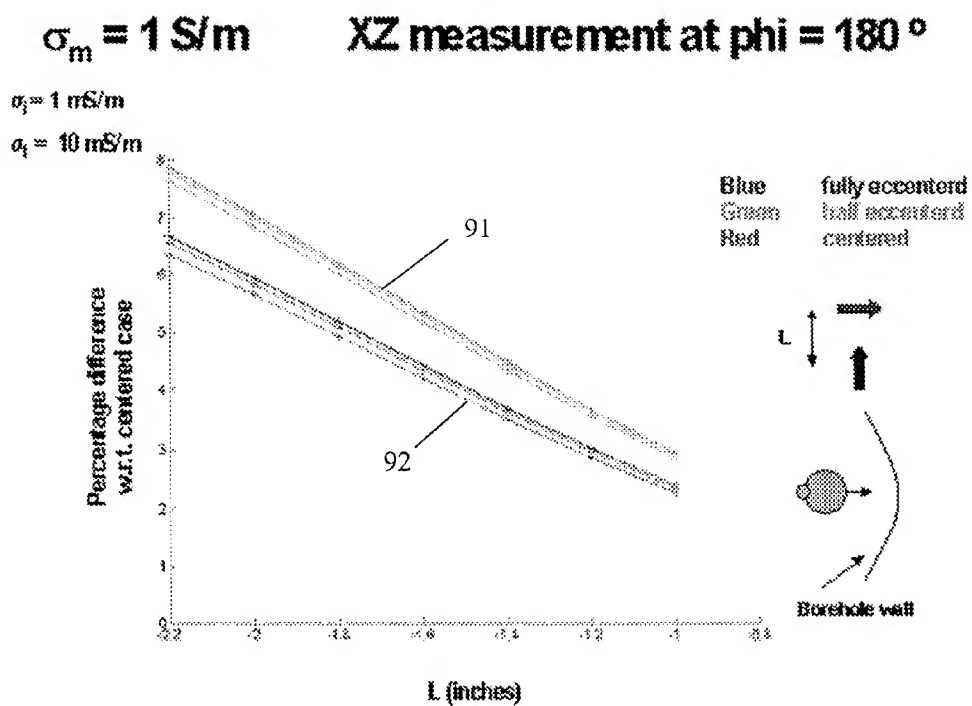


FIG. 9

$\sigma_m = 1 \text{ S/m}$       XZ measurement at  $\phi = 180^\circ$

$\sigma_i = 1 \text{ mS/m}$

$\sigma_t = 10 \text{ mS/m}$

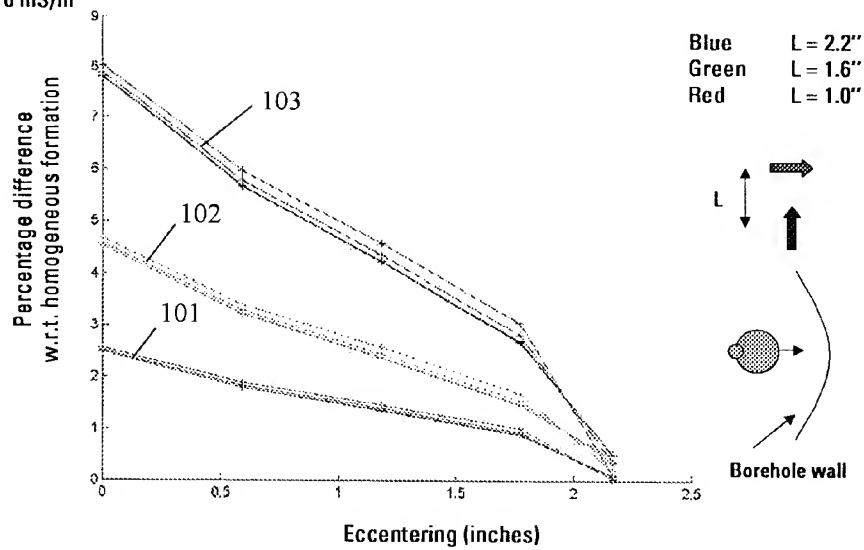


FIG. 10

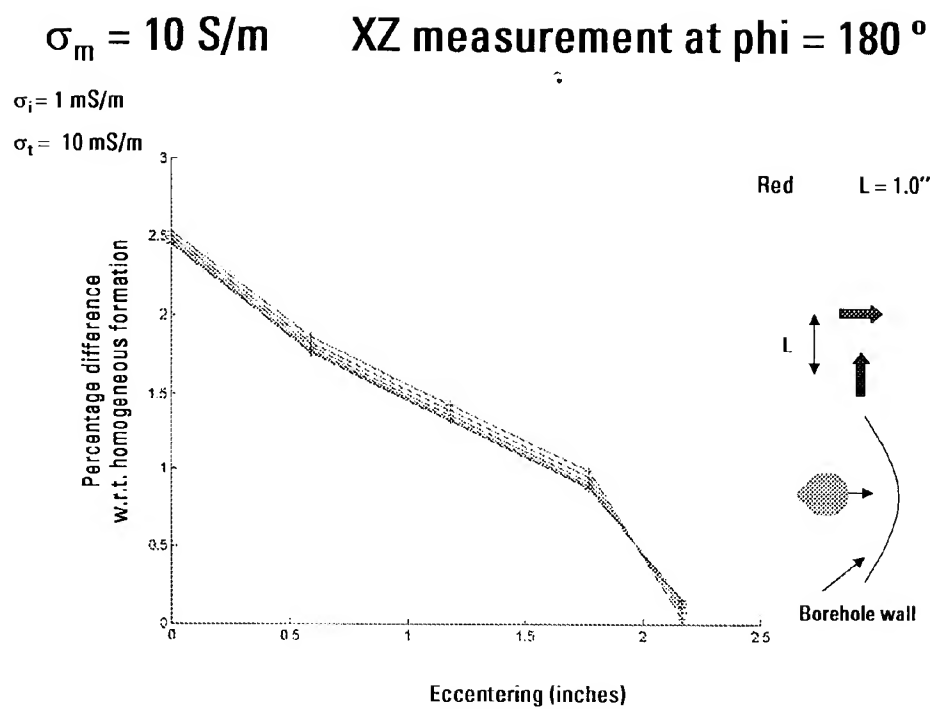
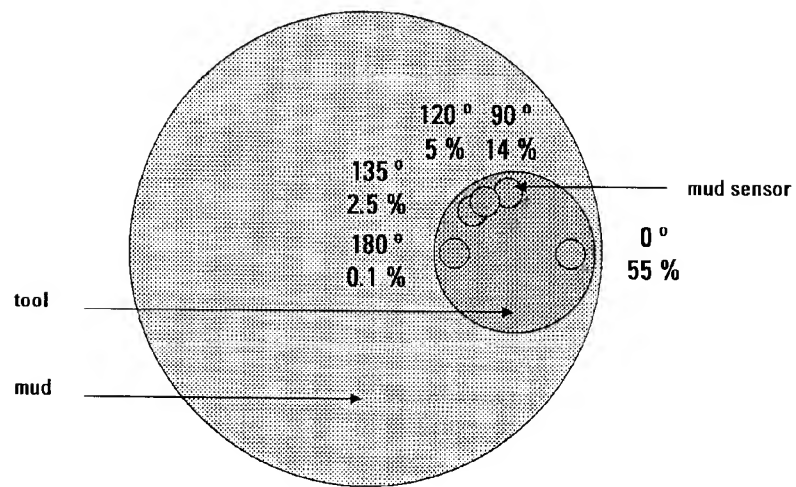
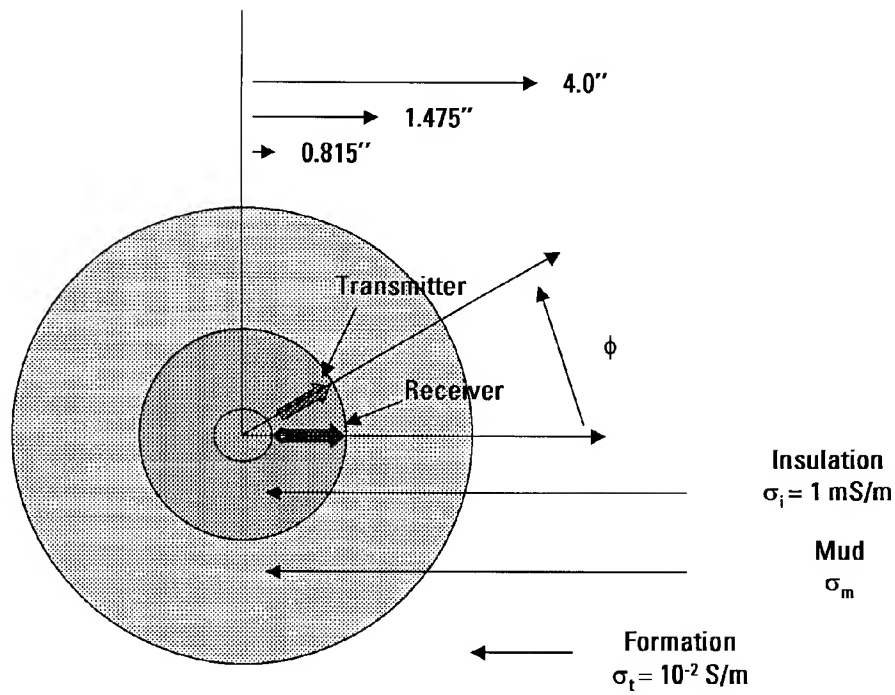


FIG. 11





**FIG. 12**



**FIG. 13**

$s_m = 1 \text{ S/m}$ , XZ measurement, T  $180^\circ$ , R  $150^\circ$

$\sigma_1 = 1 \text{ mS/m}$

$\sigma_2 = 10 \text{ mS/m}$

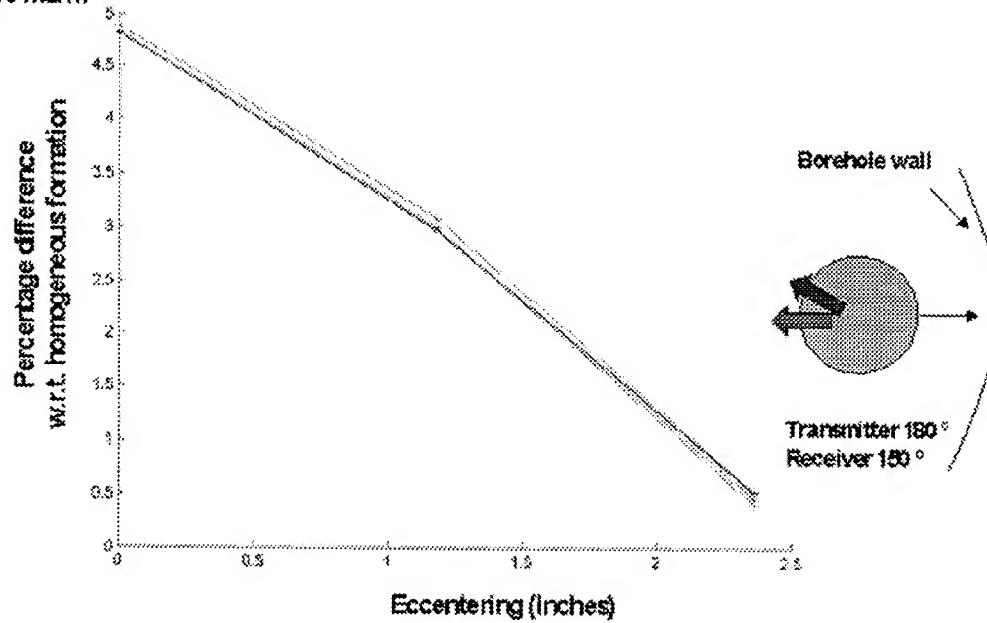


FIG. 14

$s_m = 1 \text{ S/m}$ , XZ measurement, T  $180^\circ$ , R  $135^\circ$

$\sigma_i = 1 \text{ mS/m}$

$\sigma_t = 10 \text{ mS/m}$

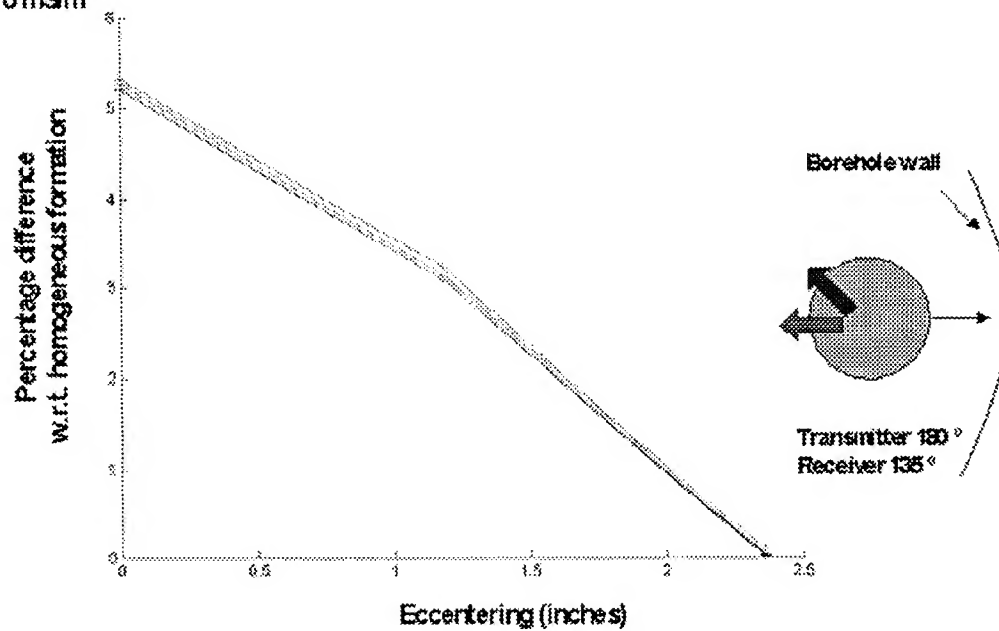


FIG. 15

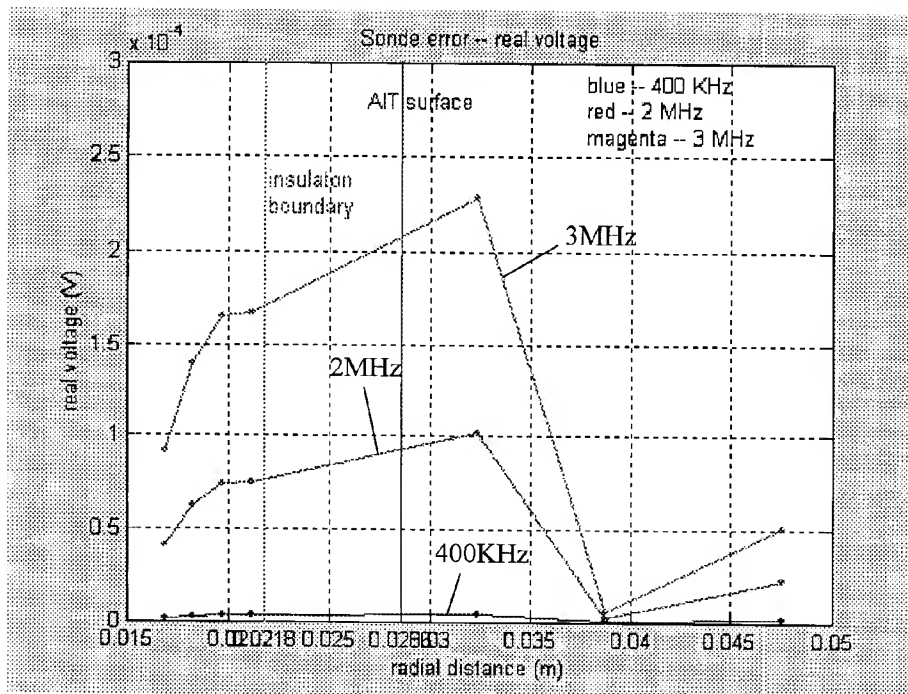


FIG. 16

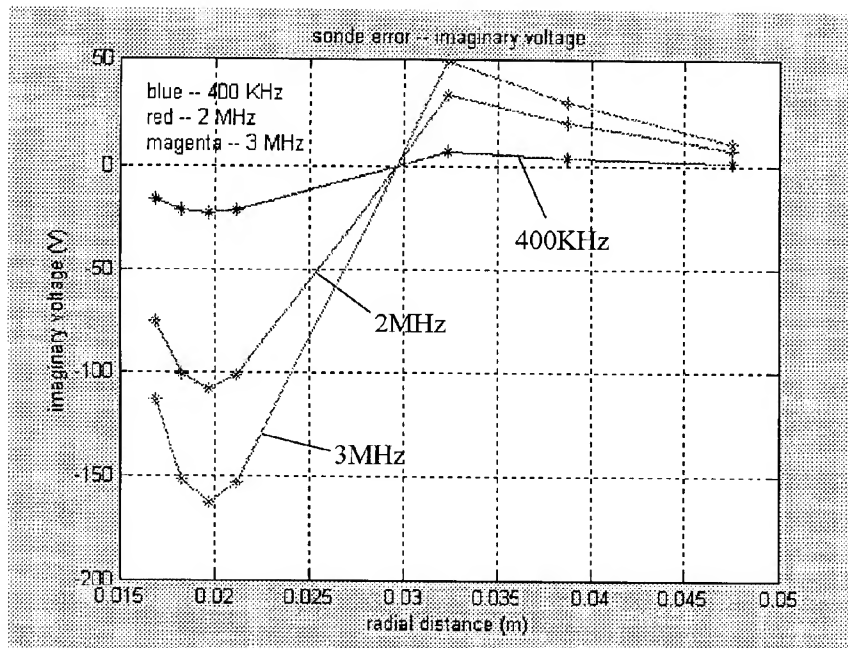


FIG. 17

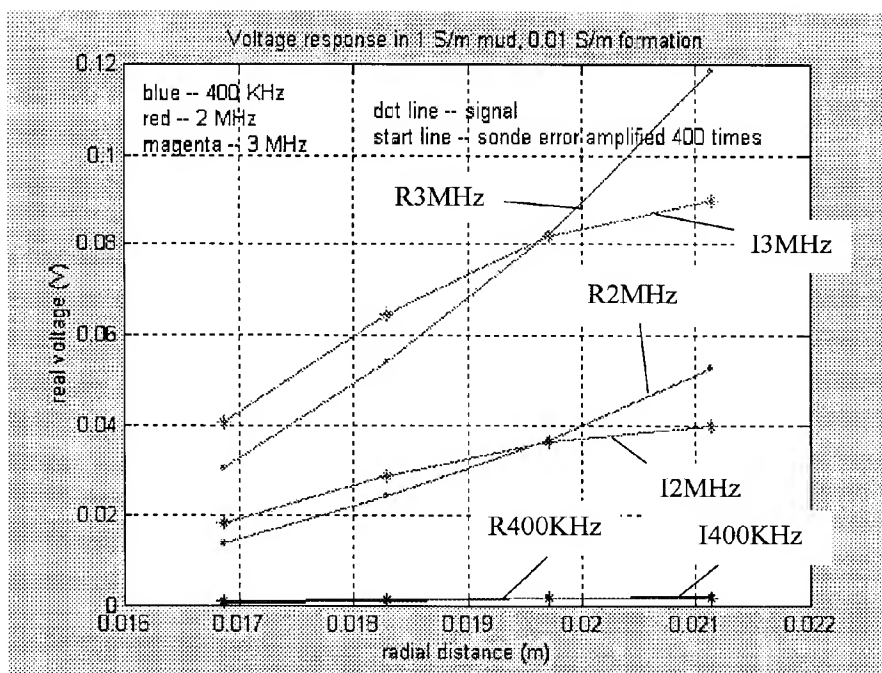
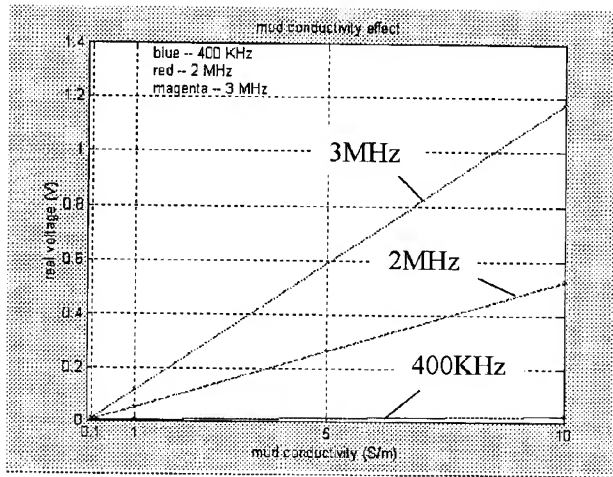
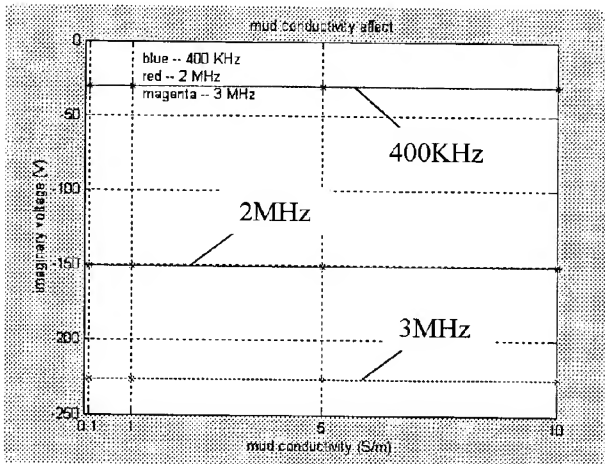


FIG. 18



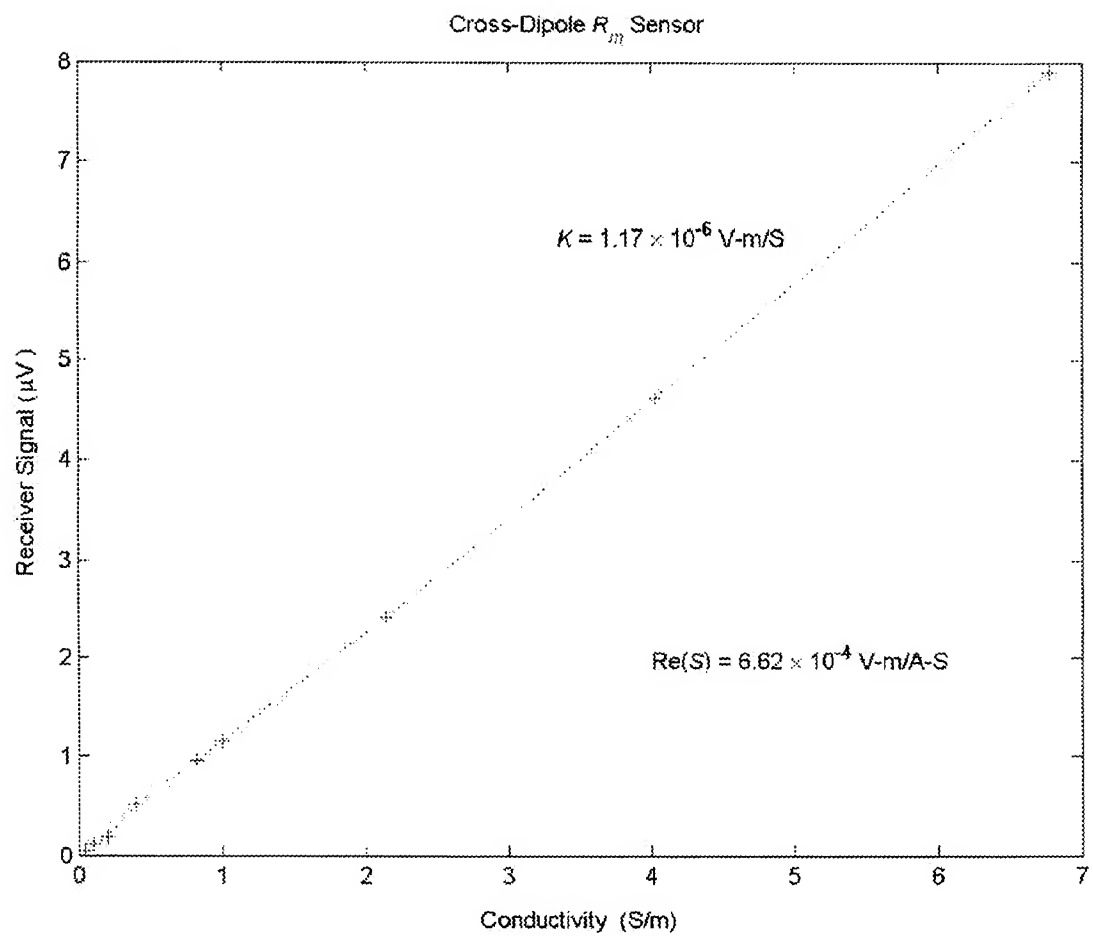
(A)

FIG. 19

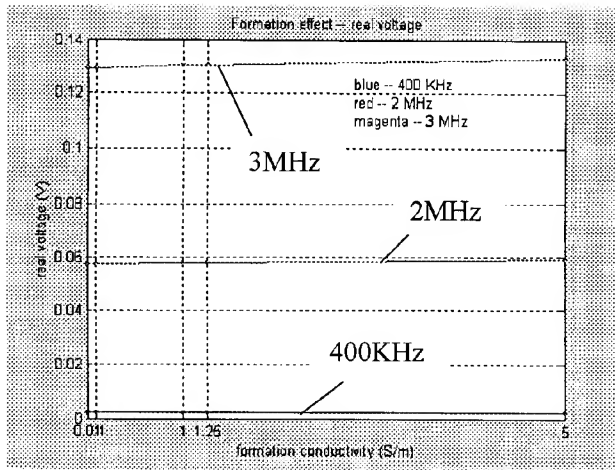


(B)

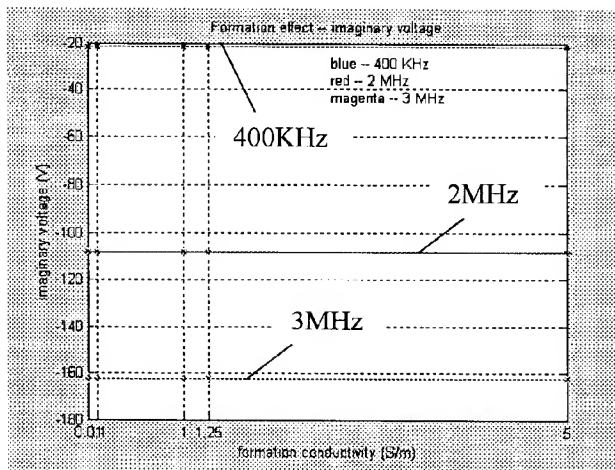




**FIG. 19C**

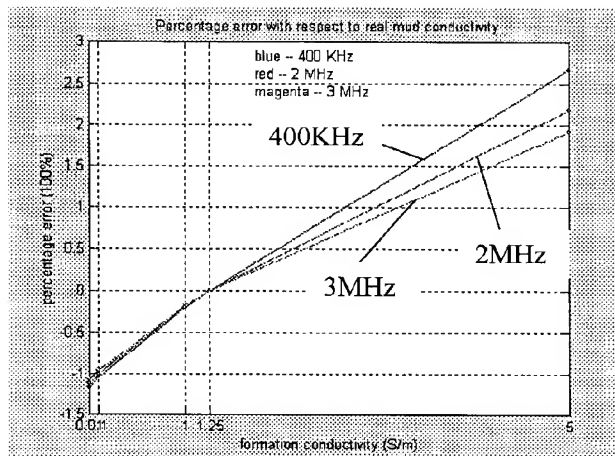


(A)

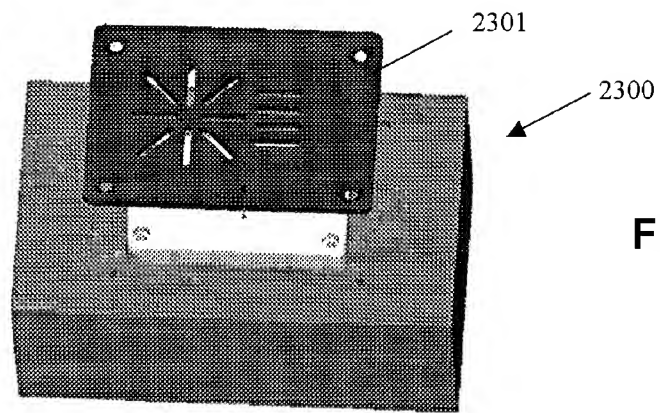


(B)

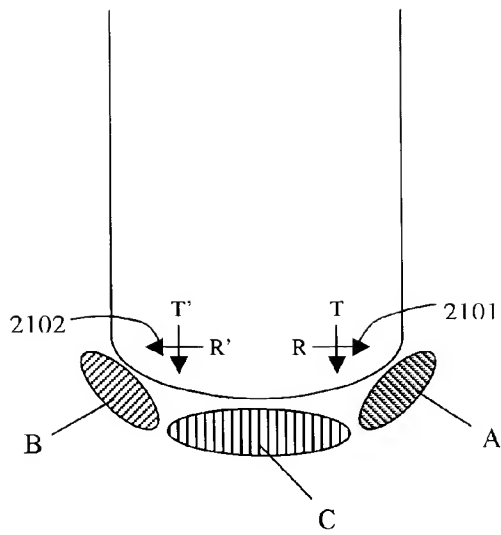
FIG. 20



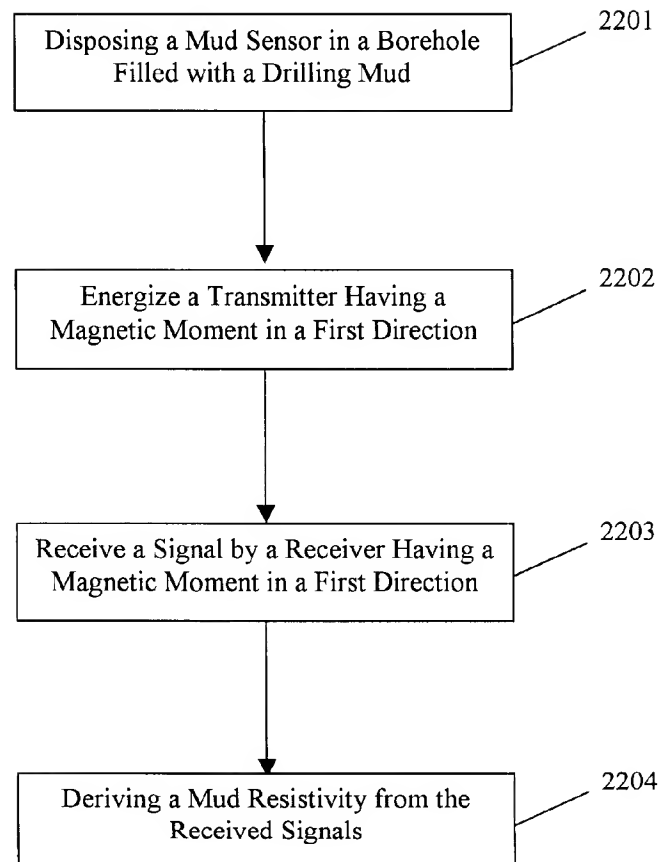
(C)



**FIG. 23**



**FIG. 21**



**FIG. 22**

